

Work Order ID 80569

80569

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February-23-12 11:21:05 AM

Item ID: D412-783-011

Accept

N900040100

Setup Start *NS1*

Revision ID:

Item Name: Gross Weight Towing

Stop *NS2*

Start Date: 23/02/2012 Start Qty: 4.00

4

Cust Item ID:

Required Date: 08/03/2012 Req'd Qty: 4.00

4

Customer:

Reference:

Approvals: Process Plan: M.L.J

Date: 12/02/23 Tooling:

Date:

Run Start *NR1*

QC:

Date: SPC (Y/N):

Date:

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
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D3943	D
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IIN-D412-783	C
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100

0.00

100

DC

Document Control

Memo

Photocopy bluefile & type labels per PPPD412-783-011 CHG 004

110

Pick Kit

0.00

110

Packaging

Packaging

Memo

0.00

ALX MLJ 12-5-16
③

3 12/05/16 fB

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 80569

80569

Page 2

February-23-12 11:21:05 AM

Item ID: D412-783-011 Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Gross Weight Towing
 Start Date: 23/02/2012 Start Qty: 4.00 *4* Cust Item ID:
 Required Date: 08/03/2012 Req'd Qty: 4.00 *4* Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start *NR1*
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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120	QC4- 100% Inspect kits for completeness	0.00				(83)			
120									
QC	Memo	0.00		8/17/05/16					
Quality Control	***ENSURE CALIBRATION CERT. IS IN IIN PAPER WORK***								

130		0.00				(3)			
130									
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D412-783-011								
	Location: 43								
	PPP Rev: D								

140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

12/15/17

MIC
12-05-16

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

February-23-12 11:21:09 AM

80569

D412-783-011

Start Date: 23/02/2012

Required Date: 08/03/2012

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP Rev:A New Issue 09-06-02 JLM Verified By:EC IPP Rev:B
@ chg 002 DD 10.02.22 Verified By:EC IPP Rev:C @ chg 004
DD 11.08.15 DD verf:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3943-041		Manufactured	No			110	Each	2.0000	1	43			
D3943-041													
Ground Handling Crank Assembly													
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST				2					
					78252			2					
D3951-041		Manufactured	No			110	Each	0.0000	1	43			
D3951-041													
Equipment Bag Assembly													
D3954-1		Manufactured	No			110	Each	1.0000	2	84			
D3954-1													
GWT Pin													
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST075				1					
					70030			1					
D3954-3		Manufactured	No			110	Each	2.0000	2	84			
D3954-3													
GWT Knob													
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST097				2					
					78171			2					

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

4.0 CALIBRATION

4.1 Calibration of the D3943-041 Tow Crank Assembly

4.1.1 The chain ratchet handle on the D3943-041 Tow Crank Assembly must be calibrated annually to ensure the handle indicates "clicks" when a 3500 lbs – 4000 lbs load has been achieved. To calibrate loosen setscrew that locks the threaded stainless steel ball plunger (Refer to figure 2 for details). Place a load cell inline and ratchet until the 3500 lbs – 4000 lbs has been reached. If the handle clicks before the 3500lbs load then turn plunger clockwise 1/8 turn, remove load and retry. If handle does not click between the 3500lbs and 4000 lbs load, turn plunger 1/8 turn counterclockwise, remove load and retry. Once the handle has been properly set retighten setscrew and test once more.

4.1.2 The Tow Crank Assembly may be returned to DART for calibration, at the operator's expense.

5.0 PARTS LIST

QTY -011	PART NUMBER	DESCRIPTION
X	D412-783-011	GROSS WEIGHT TOWING KIT
1	ID3943-041	TOW CRANK ASSEMBLY
1	ID3951-041	EQUIPMENT BAG
2	ID3954-1	GWT PIN
2	ID3954-3	GWT KNOB